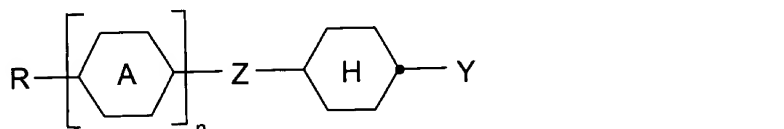



This listing of claims will replace all prior versions, and listings, of claims in the application:

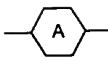
LISTING OF CLAIMS:

1. (Currently Amended) Liquid-crystalline medium comprising a mixture of polar compounds of positive dielectric anisotropy, wherein the medium comprises one or more compounds of formula I



in which

R is H, an alkyl or alkenyl radical having 1 to 15 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where one or more CH₂ groups in these radicals are optionally, in each case independently of one another, replaced by -O-, -S-, , -CO-, -CO-O-, -O-CO- or -O-CO-O in such a way that O atoms are not linked directly to one another,

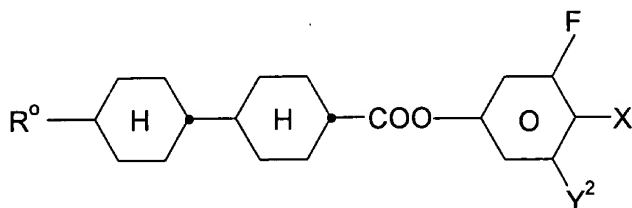
 is a trans-1,4-cyclohexylene ring, in which one or two CH₂ groups are optionally replaced by -O- and/or -S-, or a cyclohexenylene ring,

Y is halogenated alkyl, halogenated alkenyl, or halogenated alkoxy ~~or halogenated alkenyloxy~~ having 1 to 6 carbon atoms,

Z is -CH₂O-, -OCH₂-, -CH₂CH₂-, -CH=CH-, -CF₂O-, -OCF₂-, -C₂F₄- or a single bond, and

n is 1 or 2, and

the medium comprises one or more compounds of the formula



in which

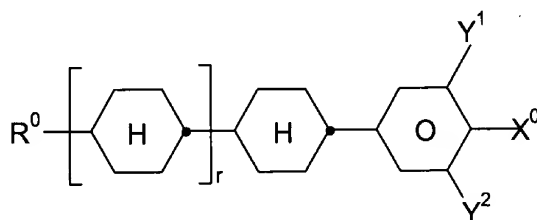
R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;

X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms; and

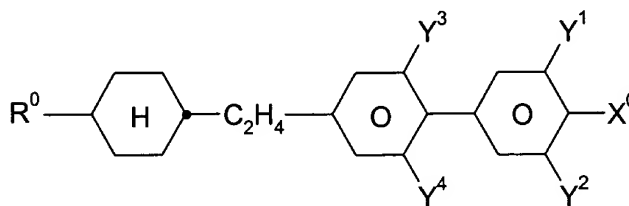
Y^2 : H or F, and

r : 0 or 1.

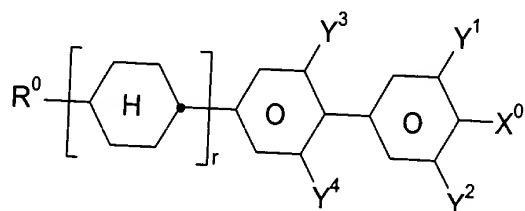
2. (Currently Amended) Medium according to claim 1, which additional additionally comprises one or more compounds selected from the group consisting of compounds of the formulae II to VIII:



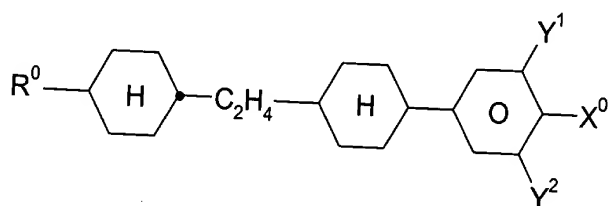
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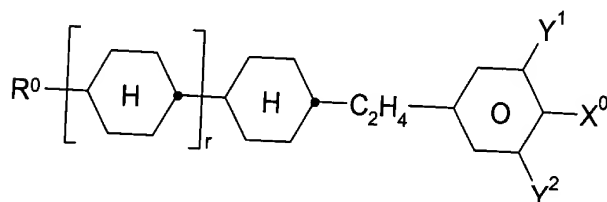
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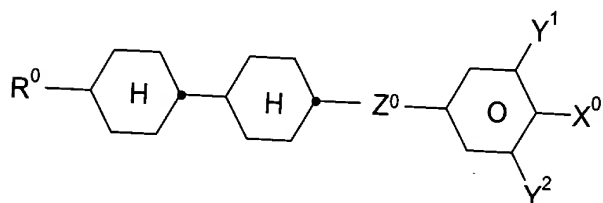
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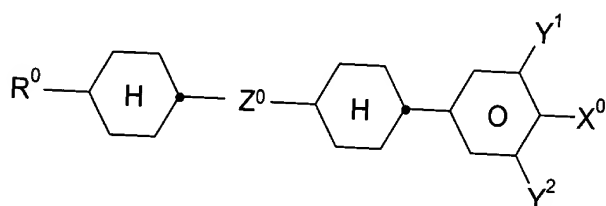
V



VI



VII



VIII

in which the individual radicals have the following meanings:

R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;

X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms;

Z^0 : $-C_4H_8-$, $-CF_2O-$, $-OCF_2-$, $-C_2F_4-$, $-CH_2O-$, $-OCH_2-$ or $-COO-$;

$Y^1, Y^2,$

Y^3 and Y^4 : each, independently of one another, H or F, and

r: 0 or 1.

3. **(Previously Presented)** Medium according to claim 2, wherein the proportion of compounds of the formulae I to VIII in the mixture as a whole is at least 50% by weight.

4. **(Previously Presented)** Medium according to Claim 1, wherein the proportion of compounds of the formula I in the mixture as a whole is from 5 to 50% by weight.

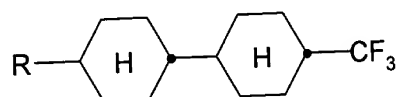
5. **(Previously Presented)** Medium according to Claim 2, wherein the proportion of compounds of the formulae II to VIII in the mixture as a whole is from 20 to 80% by weight.

6. **(Canceled)**

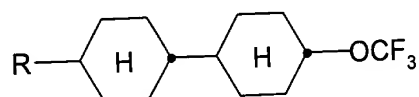
7. **(Previously Presented)** Medium according to Claim 2, wherein the medium comprises at least one compound of formulae II to VIII, wherein X^0 is F or OCF_3 , and Y^2 is H or F.

8. **(Previously Presented)** Medium according to Claim 1, wherein the medium comprises at least one compound of the formula I wherein Y is OCF_3 or CF_3 .

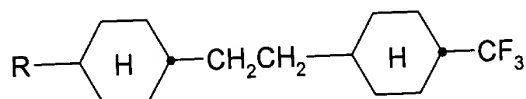
9. (Currently Amended) ~~Medium according to Claim 1, Liquid-crystalline~~
medium comprising a mixture of polar compounds of positive dielectric anisotropy, wherein
the medium comprises at least one compound ~~of the formula I~~ selected from the group
consisting of the compounds of formulae Ia to In:



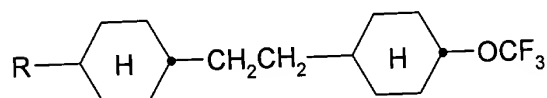
Ia



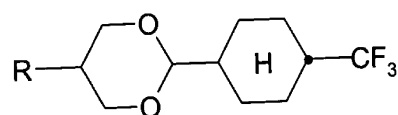
Ib



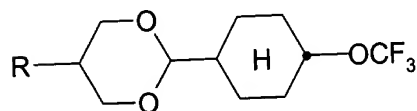
Ic



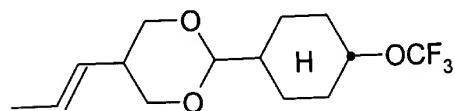
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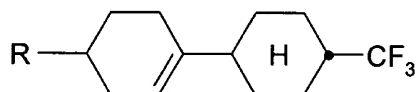
Ie



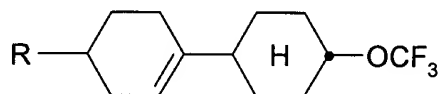
If



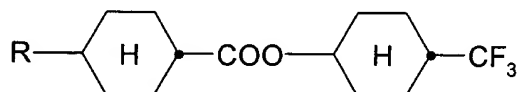
Ig



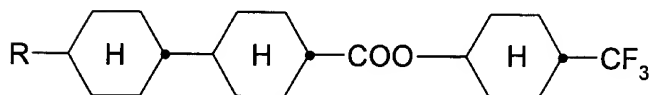
lh



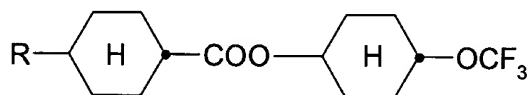
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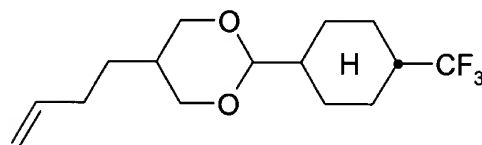
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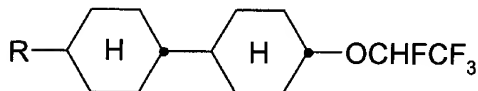
lk



ll




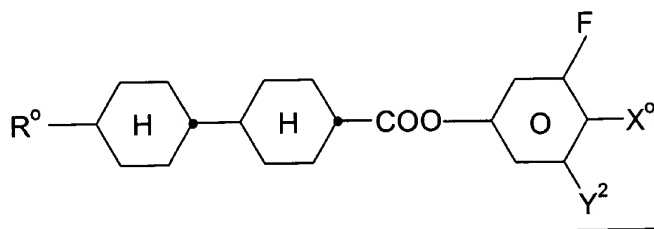
lm



ln

in which R is ~~as defined in Claim 1~~ H, an alkyl or alkenyl radical having 1 to 15 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where one or more CH₂ groups in these radicals are optionally,

in each case independently of one another, replaced by -O-, -S-, , -CO-, -CO-O-,
-O-CO- or -O-CO-O in such a way that O atoms are not linked directly to one another, and
the medium comprises one or more compounds of the formula



in which

R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;

X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms; and

Y^2 : H or F.

10. (Canceled)

11. (Original) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to claim 1.

12. (Previously Presented) Medium according to claim 1, wherein the medium comprises one or more compounds of the formula I having at least one ring A which is trans-1,4-cyclohexane or dioxane.

13. (Previously Presented) Medium according to claim 1, wherein the medium comprises one or more compounds of the formula I wherein Z is a single bond, -COO- or -CH₂CH₂-.

14. **(Previously Presented)** Medium according to claim 1, wherein the medium retains a nematic phase down to -20°C or less, has a clearing point above 80°C , and has a birefringence of ≤ 0.08 .

15. **(Previously Presented)** Medium according to claim 1, wherein the medium retains a nematic phase down to -30°C or less, has a clearing point above 90°C , has a birefringence of ≤ 0.07 .

16. **(Previously Presented)** Medium according to claim 1, wherein the medium has a TN threshold below 1.9 V.

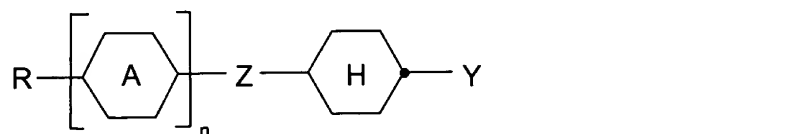
17. **(Previously Presented)** Medium according to claim 1, wherein the medium has a TN threshold below 1.7 V.

18. **(Previously Presented)** Medium according to claim 9, wherein the medium comprises one or more compounds of each of the formulae Ib and Ic.


19. **(Previously Presented)** Medium according to claim 9, wherein the medium comprises one or more compounds of each of the formulae Id and If.

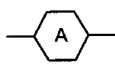
20. **(Canceled)**

21. **(New)** A liquid-crystalline medium comprising a mixture of polar compounds of positive dielectric anisotropy, wherein the medium comprises one or more compounds of formula I



in which

R is H, an alkyl or alkenyl radical having 1 to 15 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where one or more CH₂ groups in these radicals are optionally, in each case independently of one another, replaced by -O-, -S-, , -CO-, -CO-O-, -O-CO- or -O-CO-O in such a way that O atoms are not linked directly to one another,

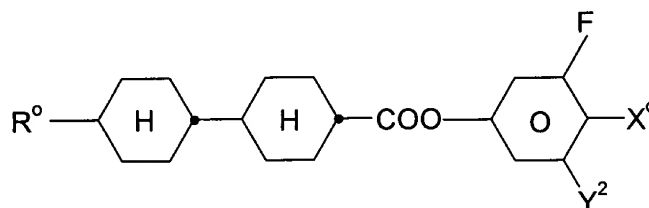
 is a trans-1,4-cyclohexylene ring, in which one or two CH₂ groups are optionally replaced by -O- and/or -S-, or a cyclohexenylene ring,

Y is halogenated alkyl, halogenated alkenyl, halogenated alkoxy or halogenated alkenyloxy having 1 to 6 carbon atoms,

Z is -CH₂O-, -OCH₂-, -CH₂CH₂-, -CH=CH-, -CF₂O-, -OCF₂-, -C₂F₄- or a single bond, and

n is 1 or 2, and

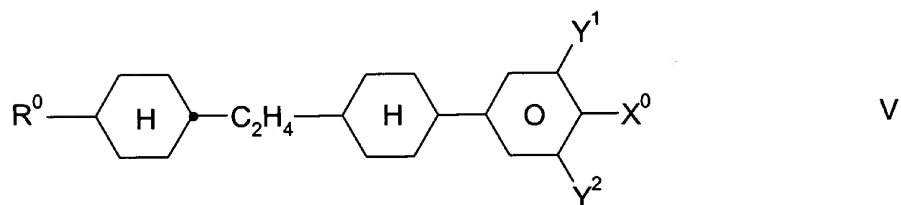
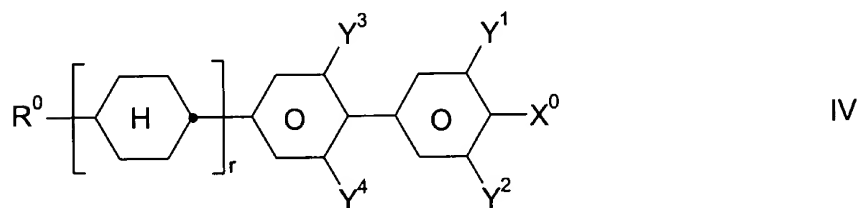
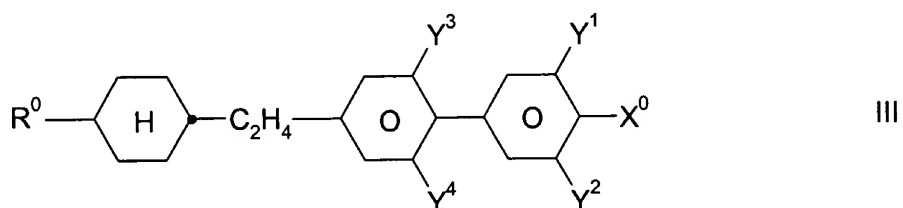
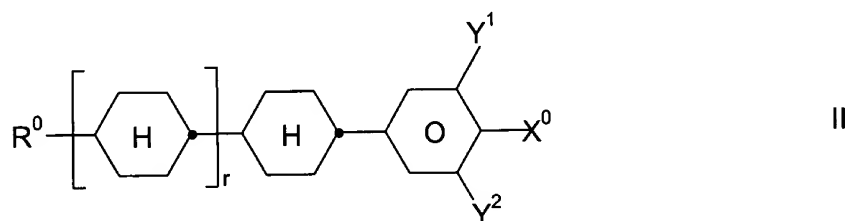
the medium comprises one or more compounds of the formula

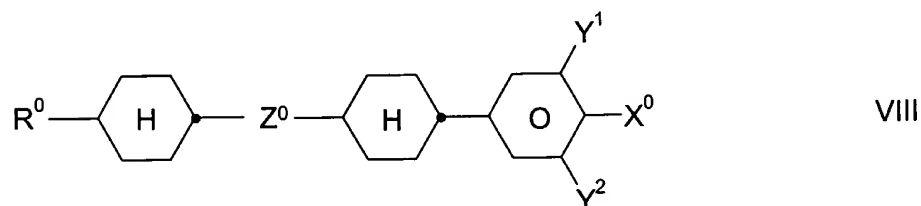
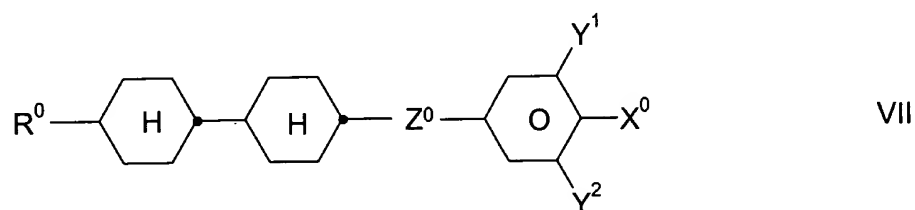
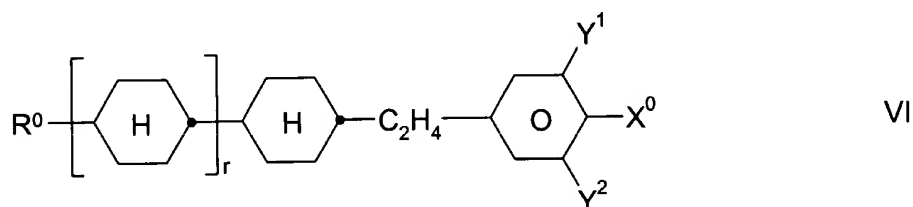


in which

- R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;
- X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms; and
- Y^2 : H or F, and

the medium additionally comprises one or more compounds selected from the group consisting of compounds of the formulae II to VIII:





in which the individual radicals have the following meanings:

R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;

X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms;

Z^0 : $-C_4H_8-$, $-CF_2O-$, $-OCF_2-$, $-C_2F_4-$, $-CH_2O-$, $-OCH_2-$ or $-COO-$;

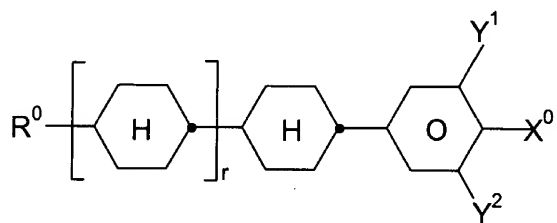
Y^1 , Y^2 , Y^3 and Y^4 : each, independently of one another, H or F, and

r : 0 or 1,

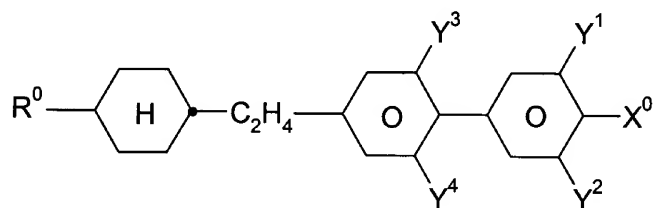
provided that the medium comprises at least one compound of the formula IV wherein

r is 1, Y^1 , Y^2 and Y^3 is F and Y^4 is H.

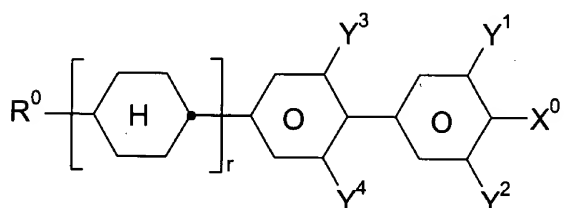
22. (New) Medium according to claim 9, which additionally comprises one or more compounds selected from the group consisting of compounds of the formulae II to VIII:



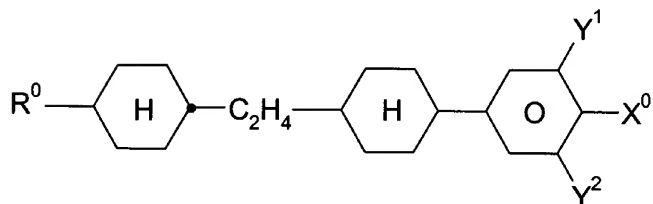
II



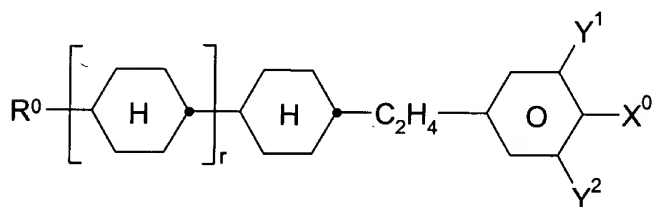
III



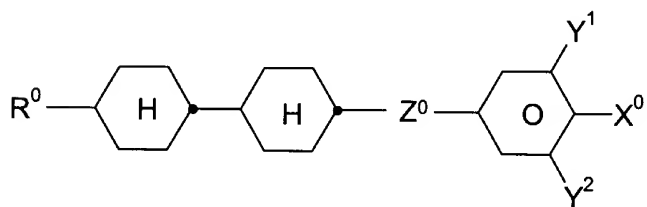
IV



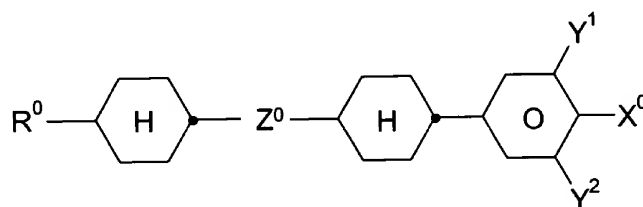
V



VI



VII



VIII

in which the individual radicals have the following meanings:

R^0 : n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon atoms;

X^0 : F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms;

Z^0 : $-C_4H_8-$, $-CF_2O-$, $-OCF_2-$, $-C_2F_4-$, $-CH_2O-$, $-OCH_2-$ or $-COO-$;

Y^1 , Y^2 ,

Y^3 and Y^4 : each, independently of one another, H or F, and

r: 0 or 1.

23. (New) Medium according to claim 22, wherein the proportion of compounds of the formulae Ia - In and formulae II to VIII in the mixture as a whole is at least 50% by weight.

24. (New) Medium according to Claim 9, wherein the proportion of compounds of the formulae Ia - In the mixture as a whole is from 5 to 50% by weight.

25. (New) Medium according to Claim 22, wherein the proportion of compounds of the formulae II to VIII in the mixture as a whole is from 20 to 80% by weight.

26. (New) Medium according to Claim 22, wherein the medium comprises at least one compound of formulae II to VIII, wherein X^0 is F or OCF_3 , and Y^2 is H or F.

27. (New) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to claim 9.

28. (New) Medium according to claim 9, wherein the medium retains a nematic phase down to -20°C or less, has a clearing point above 80°C , and has a birefringence of ≤ 0.08 .

29. (New) Medium according to claim 9, wherein the medium retains a nematic phase down to -30°C or less, has a clearing point above 90°C , has a birefringence of ≤ 0.07 .

30. (New) Medium according to claim 9, wherein the medium has a TN threshold below 1.9 V.

31. (New) Medium according to claim 9, wherein the medium has a TN threshold below 1.7 V.

32. (New) Medium according to claim 21, wherein the proportion of compounds of the formulae I to VIII in the mixture as a whole is at least 50% by weight.

33. (New) Medium according to Claim 21, wherein the proportion of compounds of the formulae II to VIII in the mixture as a whole is from 20 to 80% by weight.

34. (New) Medium according to Claim 21, wherein the medium comprises at least one compound of formulae II to VIII, wherein X^0 is F or OCF_3 , and Y^2 is H or F.

35. (New) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to claim 21.

36. (New) Medium according to claim 21, wherein the medium retains a nematic phase down to -20°C or less, has a clearing point above 80°C , and has a birefringence of ≤ 0.08 .

37. (New) Medium according to claim 21, wherein the medium retains a nematic phase down to -30°C or less, has a clearing point above 90°C , has a birefringence of ≤ 0.07 .

38. (New) Medium according to claim 21, wherein the medium has a TN threshold below 1.9 V.

39. (New) Medium according to claim 21, wherein the medium has a TN threshold below 1.7 V.